RESOLUTION NO. 15-

BE IT RESOLVED by the City Council of the City of Huntsville, Alabama, that the Mayor be, and is hereby authorized, to enter into an agreement between the City of Huntsville and Sain Associates, Inc., in the amount of SEVENTY-NINE THOUSAND ONE HUNDRED AND NO/100 DOLLARS (\$79,100.00) for Traffic Impact Analysis of City Centre at Big Spring, Project No. 65-15-SP16, in Huntsville, Alabama, on behalf of the City of Huntsville, a municipal corporation in the State of Alabama, which said contract is substantially in words and figures similar to that document attached hereto and identified as "Agreement between City of Huntsville and Sain Associates, Inc. for Traffic Impact Analysis of City Centre at Big Spring, Project No. 65-15-SP16" consisting of a total of seventeen (17) pages plus twenty-four (24) additional pages consisting of Attachments 1-15, and the date of March 12, 2015, appearing on the margin of the first page, together with the signature of the President or President Pro Tem of the City Council, and an executed copy of said document being permanently kept on file in the Office of the City Clerk of the City of Huntsville, Alabama.

ADOPTED	this	the _	12th	day of	March	, 2015
					t of the City of Huntsvill	
APPROVED	this	the	12th	_ day of	March	, 2015.
				Mayor of Alabama	the City of	Huntsville,

AGREEMENT BETWEEN
CITY OF HUNTSVILLE, ALABAMA
AND
SAIN ASSOCIATES, INC.
FOR
TRAFFIC IMPACT ANALYSIS

CITY CENTRE AT BIG SPRING

FOR

Project No. 65-15-SP16

March 12, 2015

President of the City Council of the City of Huntsville, AL

Date: March 12, 2015

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AGREEMENT BETWEEN
CITY OF HUNTSVILLE, ALABAMA
AND
SAIN ASSOCIATES, INC.
FOR
TRAFFIC IMPACT ANALYSIS
FOR
CITY CENTRE AT BIG SPRING
Project No. 65-15-SP16

THIS AGREEMENT made as of the 12th day of March in the year 2015, by and between the CITY OF HUNTSVILLE, ALABAMA (hereinafter called OWNER), and SAIN ASSOCIATES, INC., (hereinafter called ENGINEER).

WITNESSETH, for the considerations hereinafter set forth, the parties hereto agree as follows:

<u>ARTICLE 1 - ENGAGEMENT OF THE ENGINEER</u>

The OWNER hereby engages the ENGINEER, and the ENGINEER hereby accepts the engagement to provide general engineering and consultation as a representative of the OWNER to include the following:

- 1.1 Professional engineering services for traffic analysis of City Centre at Big Spring, as further described in ARTICLE 2, and hereinafter called PROJECT.
- 1.2 By executing this Agreement, the ENGINEER represents to the OWNER that the ENGINEER is a professional qualified to act as the ENGINEER for the PROJECT and is licensed and certified to practice engineering by all public entities having jurisdiction over the ENGINEER and the PROJECT. The ENGINEER further represents to the OWNER that the ENGINEER will maintain all necessary licenses, certifications, permits or other authorizations necessary to act as ENGINEER for the PROJECT until the ENGINEER's remaining duties hereunder have been satisfied. The ENGINEER shall assign only qualified personnel to perform any service concerning the PROJECT. All services rendered by the ENGINEER for the PROJECT shall be performed by or under the immediate supervision of experienced and qualified professionals licensed, certified, and registered as appropriate in the State of Alabama possessing the expertise in the discipline of the service being rendered. The ENGINEER assumes full responsibility to the OWNER for the negligent acts, errors and omissions of its consultants or others employed or retained by the ENGINEER in connection with the PROJECT.
- 1.3 Execution of this Agreement by the ENGINEER constitutes a representation that the ENGINEER has become familiar with the PROJECT site and the local conditions under which the PROJECT is to be implemented. The ENGINEER agrees to provide all necessary engineering services required to professionally accomplish the ENGINEER's defined scope of services.

ARTICLE 2 – TRAFFIC ANALYSIS SERVICES OF THE ENGINEER

- **2.1** ENGINEER shall provide for OWNER professional engineering services for traffic analysis of City Centre at Big Spring.
- 2.2 These services shall include consultation and advice; customary civil, structural, mechanical and electrical engineering design services; and Architectural services incidental thereto, as outlined herein and further described in the SCOPE OF SERVICES, ATTACHMENT 1.
- 2.3 The ENGINEER shall serve as the OWNER's professional representative in those portions of the PROJECT to which this Agreement applies and shall consult with and advise the OWNER during the performance of these services.
- 2.4 The ENGINEER shall incorporate into its traffic analysis, and into its final work products, the requirements contained within the OWNER's engineering standards, standard specifications, and design manuals referenced in ATTACHMENT 3. The requirements of the State of Alabama Department of Transportation design standards shall be reviewed for applicability and incorporated into portions of the work where joint participation between the OWNER and the State is applicable. When conflicts are noted between the OWNERS requirements and standards of others, the OWNERS standards shall take precedent. Discrepancies shall be brought to the attention of the OWNER. Deviations from OWNER's requirements shall be identified to the OWNER by the ENGINEER in writing prior to incorporating the changes.
- 2.5 The ENGINEER shall obtain all Planning Commission approvals with regard to location, character and extent, as required.
- 2.6 The ENGINEER shall obtain a Utility Project Notification Form (Attachment 10) from all affected utilities on the project by the 60% design review stage. Acceptance shall be provided as a signed original by all affected parties at the 90% design review stage.
- 2.7 The ENGINEER shall promptly correct, or have corrected, any errors, omissions, deficiencies or conflicts in the ENGINEER's work product or that of his sub-contractors/sub-consultants, without additional compensation for time, reproduction or distribution.
- 2.8 A valid City of Huntsville license shall be maintained throughout the term of this contract. Additionally, the engineering firm shall be required to obtain and pay for all other federal, state or local permits, licenses, and fees which may be necessary or required in order to perform the work detailed herein.

<u>ARTICLE 3 – CONSTRUCTION ADMINISTRATION SERVICES</u>

Article Omitted

ARTICLE 4 - ADDITIONAL SERVICES

The following services of the ENGINEER are not included in Article 2. Nevertheless, the ENGINEER shall provide such services if authorized in writing by the OWNER, and they shall be paid for by the OWNER as provided in Article 7, unless otherwise noted.

4.1 Making revision in drawings, specifications or other documents when such revisions are inconsistent with written direction by the OWNER previously given, are required by the enactment

of revision of codes, laws or regulations subsequent to the preparation of such documents and not reasonably anticipated, or are due to other causes not within the control or responsibility of the ENGINEER, either in whole or in part.

- 4.2 Preparing drawings, specifications and supporting data in connection with change orders, provided that such change orders are issued by the OWNER due to causes not within the control or responsibility of the ENGINEER, either in whole or in part.
- 4.3 Providing additional services for repair or replacement of work damaged by acts of God or other cause during construction provided that such services are required by causes not the responsibility of the ENGINEER, either in whole or in part.
- Providing services not otherwise required herein which are made necessary solely by the default of the ENGINEER or major defects or deficiencies in the work of the ENGINEER. These services shall be provided with no increase in the contract amount and will not be compensable on an hourly basis.
- 4.5 Providing expert witness services and other services arising out of claims.
- **4.6** Provide services to stake site during construction.

ARTICLE 5 - RESPONSIBILITIES OF OWNER

The OWNER, without cost to the ENGINEER, will perform the following in a timely manner so as not to delay the services of the ENGINEER:

- 5.1 Assist ENGINEER by placing at ENGINEER's disposal all available information pertinent to the PROJECT including previous reports and any other data relative to design or construction of the PROJECT.
- 5.2 Provide all criteria and full information as to OWNER's requirements for the PROJECT, including design objectives and constraints, space, capacity and performance requirements, flexibility and expendability, and any budgetary limitations. The OWNER shall also furnish copies of all design and construction standards, which OWNER will require to be included in the drawings and specifications.
- 5.3 Assist the ENGINEER as necessary in acquiring access to and making all provisions for the ENGINEER to enter upon public and private lands as required for the ENGINEER to perform the work under this agreement.
- Designate in writing a person to act as the OWNER's representative with respect to the work to be performed under this Agreement, such person to have complete authority to transmit instructions, receive information, interpret and define the OWNER's policies and decision with respect to materials, equipment elements and systems pertinent to the work covered by this Agreement. Examine all studies, reports, sketches, drawings, specifications, proposals and other documents presented by ENGINEER, obtain advice of an attorney, insurance counselor and other consultants as OWNER determines appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of ENGINEER.
- When requested by the ENGINEER, the OWNER will intercede on the ENGINEER's behalf when data from, or reviewed by third parties is not on schedule through no fault of the ENGINEER
- 5.6 The OWNER's review of any documents prepared by the ENGINEER or its consultants shall be solely for the purpose of determining whether such documents are generally consistent with the

OWNER's intent. No review of such documents shall relieve the ENGINEER of its responsibility for the accuracy, adequacy, fitness, suitability and coordination of its work product.

ARTICLE 6 - PERIOD OF SERVICES

6.1 The ENGINEER shall commence services pursuant to this agreement as of March 13, 2015. The final completion date for the completion of traffic impact analysis services as outlined in Article 2 shall be April 27, 2015.

The ENGINEER shall perform these services with reasonable diligence and expediency consistent with sound professional practices. The ENGINEER shall include in his schedule an allowance for time required for OWNER's review of submissions and for approvals of authorities having jurisdiction over the PROJECT. When approved by the OWNER, the schedule shall not be exceeded by the ENGINEER, except for cause.

If the ENGINEER becomes aware of delays due to time allowances for review and approval being exceeded, delay by the OWNER, the OWNER's consultants, or any other reason beyond the ENGINEER's control, which may result in the schedule of performance of the ENGINEER's services not being met, the ENGINEER shall promptly notify the OWNER. If the OWNER becomes aware of any delays or other causes that will affect the ENGINEER's schedule, the OWNER shall promptly notify the ENGINEER. In either event, the ENGINEER's schedule for performance of its services shall be equitably adjusted.

ARTICLE 7 - PAYMENT TO THE ENGINEER

7.1 BASIC SERVICES

The OWNER shall compensate the ENGINEER for services rendered pursuant to this Agreement, excepting those services described as Additional Services in Article 4 of this Agreement, by payment of the LUMP SUM AMOUNT OF SEVENTY-NINE THOUSAND ONE HUNDRED AND NO/100 DOLLARS (\$79,100.00) for traffic impact analysis services as described in Article 2. Additional services of the ENGINEER as described in Article 4, if any, shall be compensated on an hourly basis in accordance with Attachment 5.

7.2 REIMBURSABLE EXPENSES

The scope of work for sub-contracted services is defined in the ENGINEER's scope of services, Attachment 1. The scope includes provisions for administration expenses for subcontracted services and reimbursable direct expenses including but not limited to laboratory tests and analyses; computer services; word processing services; permit fees, bonds, telephone, printing, binding and reproduction charges; and other similar costs.

Indirect costs will have administrative fee reimbursements limited to no more than 5%. Direct costs are also limited to no more than 5% reimbursement.

Reimbursable expenses shall be limited during the term of this agreement as stated in Art. 7.1 Basic Services.

7.3 EFFECTIVE DATE

This contract shall have no force or effect unless and until it is executed by the OWNER and the ENGINEER and a properly executed copy is mailed to the ENGINEER with a notice to proceed (NTP). If a NTP is not issued within sixty (60) days commencing from the last date of execution of this CONTRACT by the OWNER and the ENGINEER, then this CONTRACT shall be NULL

AND VOID, the OWNER will not be obligated to any payment to the ENGINEER and the ENGINEER will not be obligated to perform any work under said CONTRACT.

PAYMENT SUMMARY

Traffic Impact Analysis Services – LUMP SUM AMOUNT OF

\$41,800.00

Traffic Impact Analysis for Special Event Conditions

\$37,300.00

(These tasks will be completed only as directed by the City of Huntsville)

TOTAL CONTRACT AMOUNT:

\$79,100.00

ARTICLE 8 - GENERAL PAYMENT PROCEDURE

8.1 INVOICES

- 8.1.1 The ENGINEER shall submit monthly invoices to the Administrative Officer in the Engineering Department, for the basic services described under Articles 2 and 4 for the design of the PROJECT. Invoices must include the City of Huntsville project name and number, dates of services, contract amount, previous billings and current billing. Additionally, invoices for services that are not contracted for as "lump sum" in Article 4 must also be itemized and include, as a minimum, a description of each task performed, the amount of time utilized performing each task, the name(s) of personnel who performed the task and the cost for each specific task. Along with each invoice, the ENGINEER must submit a consultant progress report in the format shown in Attachment 6 hereto. No payment will be made without the consultant progress report completed and attached. Monthly progress reports shall be submitted monthly even if no request for payment is made. If services under Article 4 are included in the invoice for additional services not included under the lump sum provisions, or services billed as time and material, the classification and hours of such persons rendering the services shall be attached to the invoice.
- 8.1.2 The signature of the ENGINEER on the invoice shall constitute the ENGINEER's representation to the OWNER that the services indicated in the invoice have progressed to the level indicated, have been properly and timely performed as required herein, that the reimbursable expenses included in the invoice have been reasonably incurred, that all obligations of the ENGINEER covered by prior invoices have been paid in full, and that, to the best of the ENGINEER's knowledge, information and informed belief, the amount requested is currently due and owing, there being no reason known to the ENGINEER the payment of any portion thereof should be withheld. Submission of the ENGINEER's invoice for final payment and reimbursement shall further constitute the ENGINEER's representation to the OWNER that, upon receipt from the OWNER of the amount invoiced, all obligations of the ENGINEER to others, including its consultants, incurred in connection with the PROJECT, have been paid in full. ENGINEER must designate on Attachment 6 Progress Report in the appropriate space provided that such action has been completed.

8.2 TIME FOR PAYMENT

The OWNER shall make payment for services in Articles 2 and 4 within 60 days of receipt of valid invoice.

8.3 OWNER'S RIGHT TO WITHHOLD PAYMENT

In the event the OWNER becomes credibly informed that any representations of the ENGINEER, provided pursuant to Article 8.1.2, are wholly or partially inaccurate, the OWNER may withhold payment of sums then or in the future otherwise due to the ENGINEER until the inaccuracy, and the cause thereof, is corrected to the OWNER's reasonable satisfaction. Additionally, failure by the ENGINEER to supply substantiating records shall be reason to exclude related costs from the amounts which might otherwise be payable by the OWNER to the ENGINEER.

8.4 REIMBURSABLE EXPENSES

- 8.4.1 In addition to the requirements set forth in 8.1 above, invoices for reimbursable expenses shall include such documentation as the OWNER may require. Reasonable expenses are limited to the following expenses:
 - (a) Transportation outside the immediate Huntsville area (50 mile radius) approved in advance by the OWNER in writing and incurred in connection with the PROJECT; (Per Department of Treasury, Internal Revenue Service Publication 1542, Per Diem Rates, for travel within the continental United States). Refer to website: www.irs.gov/pub/irs-pdf/p1542.pdf for more information.
 - (b) Charges for long-distance communications;
 - (c) Fees paid for securing approval of authorities having jurisdiction over the PROJECT,
 - (d) Actual costs of reproduction for items in excess of those included in the required services:
 - (e) Postage and handling charges incurred for drawings, specifications and other documents.
- **8.4.2** The ENGINEER shall set forth with particularity on its invoice the nature and cost of the expense item being billed, and attach to its invoice the written authorization, if any, required for such item; and shall bill expenses at actual cost or prevailing rate and without the addition of administrative charge, any multiple or surcharge.

8.5 W-9 TAXPAYER FORM

All ENGINEERING FIRMS are required to submit a Federal Tax Form W-9 to City of Huntsville at the time a contract is awarded. No payments of invoices can be made until this W-9 Tax Form has been properly submitted. A copy of the W-9 Tax Form can be requested from the OWNER or at the following website: www.irs.ustreas.gov/pub/irs-pdf/fw9.pdf

ARTICLE 9 - GENERAL CONSIDERATIONS

9.1 GENERAL

OWNER and ENGINEER agree that the following sections and provisions shall apply to the work to be performed under this Agreement and that such provisions shall supersede any conflicting provisions of this Agreement.

9.2 SUB-CONTRACTED SPECIALIZED SERVICES

The ENGINEER may sub-contract specialized services required of the PROJECT to competent and experienced sub-consultants approved by the OWNER in writing. As a prime professional, the ENGINEER shall act as OWNER's representative for contracting, directing, and managing the services of sub-consultants. The OWNER shall have the right to reject any consultant provided that the OWNER raises a timely objection. At the time of the execution of this Agreement, the parties anticipate that the consultants listed in Attachment "7" hereto will be retained by the

ENGINEER to provide services with respect to the PROJECT. Expenses payable to the ENGINEER for subcontracted services are limited to no more than 5% of the cost of the subcontracted services.

9.3 PEER REVIEW

The OWNER reserves the right to conduct, at the OWNER's expense, peer review of designs and drawings prepared by the ENGINEER and/or sub-consultant(s) for the PROJECT. The ENGINEER and sub-consultant(s) agree that knowledge and consent to review of their work by other engineers of the OWNER's choosing is hereby given in accordance with the ADMINISTRATIVE CODE (RULES AND REGULATIONS) of the Alabama State Board of Licensure for Professional Engineers and Land Surveyors, Chapter 330-X-14-.06(a) (13) effective January 2008 and as may be amended now or in the future pertaining to the Code of Ethics for review of the work of another engineer.

9.4 CLARIFICATION OF WORK

If reviewing agencies raise questions regarding the work of ENGINEER, OWNER will participate in such meetings as deemed necessary to explain and clarify this work.

9.5 CANCELLATION OF WORK

This Agreement may be canceled by either party in the event of default or violation of any of the provisions of this Agreement by the other party, by written notice delivered to the address of record by registered mail giving ten (10) days advance notice of the intention to cancel. In the event of cancellation of this Agreement, ENGINEER shall be paid for all work performed to date of cancellation, less any loss, damage, or liability incurred by reason of default of ENGINEER and all records, data, parameters, design calculations and other information collected or obtained in the performance of this Agreement shall be delivered to OWNER.

9.6 CHANGES

- 9.6.1 The OWNER may, at any time by written order, make changes within the general scope of the Agreement in the services to be provided. If such changes cause an increase or decrease in ENGINEER's cost of, or time required for performance of any services, whether or not changed by any order, an equitable adjustment shall be made and the Agreement shall be modified in writing accordingly. Upon notification of change, ENGINEER must assert any claim of ENGINEER for adjustment in writing within 30 days from the date of receipt unless OWNER grants a further period of time.
- 9.6.2 If findings in any phase of this PROJECT significantly alter the scope of work for subsequent phases, or if regulations are changed resulting in a scope of work change for any phase, engineering fees set forth in Article 7 may be renegotiated by the OWNER and ENGINEER.

9.7 ENGINEER'S RECORDS

Documentation accurately reflecting services performed and the time expended by the ENGINEER and his personnel and records of reimbursable expenses shall be prepared concurrently with the performance of the services and shall be maintained by the ENGINEER. The ENGINEER shall maintain record copies of all written communications, and any memoranda of verbal communications related to the PROJECT. All such records and documentation shall be maintained for a minimum of five (5) years after the PROJECT date of final completion or for any longer period of time as may be required by law or good practice. If the ENGINEER receives notification of a dispute or of pending or commencement of litigation during this five-year period, the ENGINEER shall continue to maintain all PROJECT records until final resolution of the

dispute or litigation. The ENGINEER shall make such records and documentation available to the OWNER upon notice and shall allow the authorized representative(s) of the OWNER to inspect, examine, review and copy the ENGINEER's records at the OWNER's reasonable expense.

9.8 SEAL ON DOCUMENTS

- **9.8.1** Final plans and drawings shall be marked "ISSUED FOR CONSTRUCTION". When a firm, partnership, or corporation performs the work, <u>each drawing</u> shall be sealed and signed by the licensed engineer or engineers who were in responsible charge of the work.
- 9.8.2 When plans and drawings issued for construction were not performed by a firm, partnership, or corporation, the first sheet or title page shall be sealed, dated, and signed by the engineer who was in responsible charge. Two or more licensed professional engineers may affix their signatures and seals provided it is designated by a note under the seal the specific subject matter for which each is responsible. In addition, each drawing shall be sealed and signed by the licensee or licensees responsible for each sheet.
- 9.8.3 When plans or drawings are a site adaptation of a standard design or plan or make use of a standard drawing of others, the ENGINEER shall take measures to assure that the site adaptation, standard drawing, or plan is appropriate and suitable for the use proposed by the ENGINEER including meeting the specific site conditions, functionality, design criteria, safety considerations, etc. After taking such measures, the ENGINEER shall seal the standard drawing or plan as shown above in sections 9.8.1 and 9.8.2. The ENGINEER shall not utilize standards of others without their written consent where written consent is required or implied.
- 9.8.4 Each sheet of documents, specifications, and reports for engineering practice and of maps, plats, charts, and reports for land surveying practice, shall be signed, sealed, and dated by the licensed engineer or land surveyor who prepared the documents or under whose responsible charge the documents were prepared. Where more than one sheet is bound together in one volume, including but not limited to reports and specifications, the licensee who prepared the volume, or under whose responsible charge the volume was prepared, may sign, seal, and date only the title or index sheet, provided that this sheet clearly identifies all of the other sheets comprising the bound volume, and provided that any of the other sheets which were prepared by, or under the responsible charge of, another licensee, be signed, sealed, and dated by the other licensee.

9.9 USE AND OWNERSHIP OF DOCUMENTS

All rights of ownership, copyrights, construction documents, including all drawings, specifications and other documents, electronic media, computer source code, or things prepared by or on behalf of the ENGINEER for the PROJECT are hereby transferred to the OWNER and shall be the sole property of the OWNER and are free of any retention rights of the ENGINEER. The ENGINEER hereby grants to the OWNER an unconditional right to use or to refer to, for any purpose whatsoever, the construction documents and any other documents or electronic media, computer source code prepared by or on behalf of the ENGINEER for the PROJECT, free of any copyright claims, trade secrets or other proprietary rights with respect to such documents. The ENGINEER shall be permitted to retain copies thereof for its records. The ENGINEER's documents and other work products are not intended or represented to be suitable for re-use by OWNER or others on extensions of the PROJECT or on any other PROJECT. Any re-use without specific written verification or adaptation by ENGINEER will be at OWNER's sole risk and

without liability or legal exposure to ENGINEER, and OWNER shall indemnify and hold harmless ENGINEER from all claims, damages, losses and expenses including attorneys' fees arising out of, or resulting from, such reuse by the OWNER; provided however, that this agreement to indemnify and save harmless shall not apply to any reuse of documents retained by, or through, the ENGINEER.

9.10 ESTIMATE OF CONSTRUCTION COST

Since ENGINEER has no control over the construction cost of labor, materials, or equipment, or over the construction contractor(s) methods of determining prices, or over competitive bidding or market conditions, his opinion of probable PROJECT cost or construction cost provided for herein are to be made on the basis of his experience and qualifications and represent his best judgment as a design professional familiar with the construction industry; but, ENGINEER cannot and does not guarantee that proposals, bids or construction costs will not vary from opinions of probable cost prepared by him. If OWNER wishes greater assurance as to the construction cost, he will employ an independent cost estimator.

9.11 TERMINATION FOR CAUSE

This Agreement may be terminated by either party upon seven (7) days written notice to the other should such other party fail substantially to perform in accordance with its material terms through no fault of the party initiating the termination.

9.12 TERMINATION BY THE OWNER WITHOUT CAUSE

The OWNER may terminate this Agreement without cause upon seven (7) days written notice to the ENGINEER. In the event of such a termination without cause, the ENGINEER shall be compensated for all services performed prior to termination, together with Reimbursable Expenses incurred. In such event, the ENGINEER shall promptly submit to the OWNER its invoice for final payment and reimbursement which invoice shall comply with the provisions of Paragraph 8.1.

ARTICLE 10 - INDEMNITY AND INSURANCE

10.1 INSURANCE

The ENGINEER shall carry insurance of the following kinds and amounts in addition to any other forms of insurance or bonds required under the terms of the contract specifications. The ENGINEER shall procure and maintain for the duration of the job until final acceptance by the OWNER, or as later indicated, insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the ENGINEER, his agents, representatives, employees or subcontractor.

10.2 MINIMUM SCOPE OF INSURANCE:

A. General Liability:

Insurance shall be written on an "occurrence" basis. Claims-made coverage will be accepted only on an exception basis after the OWNER's approval. The same insurance company should write General Liability Coverage and OWNERs ENGINEERs Protective Insurance.

B. Commercial General Liability

Products and Completed Operations Contractual Personal Injury Explosion, Collapse and Underground Broad Form Property Damage

C. Professional Liability:

Insurance may be written on a "claims-made" basis, providing coverage for negligent acts, errors or omissions in the performance of professional services. Coverage shall be maintained for a discovery and reporting period of no less than five (5) years after completion of the professional services and Certificates of Insurance shall be submitted to the OWNER on a yearly basis during this time frame. Coverage shall be no less comprehensive than that which is carried by at least 25% of the registered engineers or engineering firms contracting in the State of Alabama. Such coverage shall be carried on a continuous basis including prior acts coverage to cover the subject PROJECT. The professional liability insurance shall contain contractual liability coverage.

D. Automobile Liability:

Business Automobile Liability providing coverage for all owned, hired and non-owned autos. Coverage for loading and unloading shall be provided under either automobile liability or general liability policy forms.

E. Workers' Compensation Insurance:

Statutory protection against bodily injury, sickness or disease or death sustained by employee in the scope of employment. Protection shall be provided by a commercial insurance company or a recognized self-insurance fund authorized before the State of Alabama Industrial Board of Relations. "Waivers of Subrogation" in favor of the OWNER shall be endorsed to Workers' Compensation Insurance.

F. Employers Liability Insurance:

Covering common law claims of injured employees made in lieu of or in addition to a worker's compensation claim.

10.3 MINIMUM LIMITS OF INSURANCE:

A. General Liability:

Commercial General Liability on an "occurrence form" for bodily injury and property damage:

\$ 2,000,000 General Aggregate Limit

\$ 2,000,000 Products - Completed Operations Aggregate

\$ 1,000,000 Personal & Advertising Injury

\$1,000,000 Each Occurrence

B. Professional Liability:

Insurance may be made on a "claims-made" basis:

\$ 500,000 Per Claim - Land Surveyors

\$ 1,000,000 Per Claim - Other Professionals

C. Automobile Liability:

\$ 1,000,000 Combined Single Limit per accident for bodily injury and property damage.

D. Workers' Compensation:

As required by the State of Alabama Statute

E. Employers Liability:

\$ 1,000,000 Bodily Injury by Accident or Disease

\$ 1,000,000 Policy Limit by Disease

10.4 OTHER INSURANCE PROVISIONS:

The OWNER is hereby authorized to adjust the requirements set forth in this document in the event it is determined that such adjustment is in the OWNER's best interest. If the insurance requirements are not adjusted by the OWNER prior to the OWNER's release of specifications with regard to the PROJECT in question, then the minimum limits shall apply. The City of Huntsville/OWNER shall be named on the policies of general liability and automobile insurance and on the certificate of insurance as an Additional Insured. Additional Insured status on the Commercial General Liability policy shall be through ISO Additional Endorsement CG 20 10 11 85 or equivalent and coverage shall be afforded on a primary basis.

The policies are to contain, or be endorsed to contain, the following provisions:

A. All Coverage:

The ENGINEER is responsible to pay all deductibles. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, non-renewal or materially changed by either party, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the OWNER. Cancellation of coverage for non-payment of premium will require ten (10) days written notice to the OWNER.

10.5 ACCEPTABILITY OF INSURERS:

Insurance is to be placed with insurers authorized by the State of Alabama with an A. M. Best rating of A-V or better.

10.6 VERIFICATION OF COVERAGE:

The OWNER shall be indicated as a Certificate Holder and the ENGINEER shall furnish the OWNER with Certificates of Insurance reflecting the coverage required by this document. The A. M. Best rating and deductibles, if applicable, shall be indicated on the Certificate of Insurance for each insurance policy. The certificates for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf and must be an original signature. Certificates signed using digital signatures will not be accepted unless accompanied by a written statement from the insurance/surety company indicating that their electronic signature is intended as their signature. All certificates are to be received and approved by the OWNER before work commences. The OWNER reserves the right to require complete, certified copies of all required insurance policies at any time.

10.7 CONSULTANTS AND/OR SUBCONTRACTORS WORKING FOR THE ENGINEER:

The ENGINEER shall furnish separate certificates and/or endorsements for each subcontractor and/or consultant showing insurance of the same type or types and to the extent of the coverage set forth in this Article 10.

10.8 HOLD HARMLESS AGREEMENT:

A. Other Than Professional Liability Exposures:

The ENGINEER, to the fullest extent permitted by law, shall indemnify and hold harmless the OWNER, its elected and appointed officials, employees, agents, and representatives against all claims, damages, losses and expenses, including, but not limited to, attorney's fees, arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to personal injury, including bodily injury sickness, disease or death, or to injury to or destruction of tangible property, including loss of use resulting there from, and (2) is caused by any negligent act or omission of the ENGINEER or any of their consultants, or anyone directly or indirectly employed by them or anyone for whose acts they are legally liable. Such obligation should not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity, which would otherwise exist as to any party or person, described in this paragraph.

B. Professional Liability:

The ENGINEER agrees, to the fullest extent permitted by law, to defend, protect, indemnify and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees, and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) actually or allegedly arising out of, or resulting from, the professional services of the ENGINEER or the ENGINEER's consultants, subcontractors, or suppliers, including, without limitation, any breach of contract or any negligent acts, errors, or omissions in the performance of the professional services provided pursuant to or as a result of this Agreement. Neither, the OWNER nor the ENGINEER shall be obligated to indemnify the other party in any manner whatsoever for the other parties own negligence.

To the fullest extent permitted by law, the ENGINEER shall defend, protect, indemnify, and hold harmless the OWNER, its elected and appointed officials, officers, directors, employees, agents, and representatives from and against any and all liability, claims, demands, damages, loss, costs, fees and expenses (including actual fees and expenses of attorneys, expert witnesses, and other consultants) for infringement of patent rights, copyrights, or other intellectual property rights, except with respect to designs, processes or products of a particular manufacturer expressly required by the OWNER in writing. If the ENGINEER has reason to believe the use of a required design, process or product is an infringement of a patent, the ENGINEER shall be responsible for such loss unless such information is promptly given to the OWNER.

<u>ARTICLE 11- MISCELLANEOUS PROVISIONS</u>

11.1 GOVERNING LAW

This Agreement shall be governed by the law of the State of Alabama.

11.2 INTENT AND INTERPRETATION

- 11.2.1 The intent of this contract is to require complete, correct and timely execution of the work. Any work that may be required, implied or inferred by the contract documents, or any one or more of them, as necessary to produce the intended result shall be provided by the ENGINEER.
- 11.2.2 This contract is intended to be an integral whole and shall be interpreted as internally consistent. What is required by any one contract document shall be considered as required by the contract.
- 11.2.3 When a word, term or phrase is used in this contract, it shall be interpreted or construed, first, as defined herein; second, if not defined, according to its generally accepted meaning in the engineering industry; and third, if there is no generally accepted meaning in the engineering industry, according to its common and customary usage.
- 11.2.4 The words "include", "includes", or "including", as used in this contract, shall be deemed to be followed by the phrase, "without limitation".
- 11.2.5 The specification herein of any act, failure, refusal, omission, event, occurrence or condition as constituting a material breach of this contract shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence or condition shall be deemed not to constitute a material breach of this contract.
- **11.2.6** Words or terms used as nouns in this contract shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

11.3 TIME IS OF THE ESSENCE

Time limitations contained herein, or provided for hereby, are of the essence of this Agreement. The ENGINEER understands and acknowledges that time is of the essence in completion of the PROJECT and that the OWNER will incur damages if the PROJECT is not completed on time.

11.4 SUCCESSORS AND ASSIGNS

The ENGINEER shall not assign its rights hereunder, excepting its right to payment, nor shall it delegate any of its duties hereunder without the written consent of the OWNER. Subject to the provisions of the immediately preceding sentence, the OWNER and the ENGINEER, respectively, bind themselves, their successors, assigns and legal representatives to the other party to this Agreement and to the successors, assigns and legal representatives of such other party with respect to all covenants of this Agreement. Nothing herein shall be construed as creating any personal liability on the part of any officer or agent of any public body that may be party hereof, nor shall it be construed as giving any rights or benefits hereunder to anyone other than OWNER and ENGINEER.

11.5 NO THIRD-PARTY BENEFICIARIES

This Agreement shall inure solely to the benefit of the parties hereto and their successors and assigns. Nothing contained herein is intended to or shall create a contractual relationship with, or any rights in favor of, or any cause of action in favor or, any third party, against the OWNER or the ENGINEER.

11.6 INTELLECTUAL PROPERTY/ CONFIDENTIALITY

All information, documents, and electronic media, computer source code furnished by the OWNER to the ENGINEER belong to the OWNER, are considered proprietary and confidential,

unless otherwise indicated by the OWNER, and are furnished solely for use on the OWNER's PROJECT. Such information, documents, and electronic media, computer source code shall be kept confidential by the ENGINEER, shall only be released as necessary to meet official regulatory requirements in connection with the PROJECT, and shall not be used by the ENGINEER on any other PROJECT or in connection with any other person or entity, unless disclosure or use thereof in connection with any matter other than services rendered to the OWNER hereunder is specifically authorized in writing by the OWNER in advance. This Section 11.6 shall survive the expiration of this Agreement.

11.7 SUBCONTRACT REQUIREMENTS

The ENGINEER shall include the terms and conditions of this Agreement in every subcontract or agreement with a consultant for this PROJECT so that these terms and conditions shall be binding upon each subcontractor or consultant. The subcontractor(s)/consultant(s) will maintain all licenses and certifications to practice its profession or trade by all public entities having jurisdiction over the PROJECT. The subcontractor(s)/consultant(s) further represent to the OWNER that the subcontractor(s)/consultant(s) will maintain all necessary licenses, certifications, permits or other authorizations necessary for the PROJECT until the remaining duties hereunder have been satisfied.

11.8 NOTICES

Unless otherwise provided, all notices shall be in writing and considered duly given if the original is hand delivered; if delivered by facsimile to 256-427-5325, or is sent by U.S. Mail, postage prepaid to City of Huntsville Engineering, P. O. Box 308 (35804), 320 Fountain Circle (35801), Huntsville, AL. All notices shall be given to the addresses set forth above. Notices, hand delivered or delivered by facsimile, shall be deemed given the next business day following the date of delivery. Notices given by U.S. Mail shall be deemed given as of the second business day following the date of posting.

11.9 FEDERAL IMMIGRATION LAW

By signing this Agreement, the contracting parties affirm, for the duration of the agreement, that they will not violate federal immigration law or knowingly employ, hire for employment or continue to employ an unauthorized alien within the State of Alabama. Furthermore, a contracting party found to be in violation of this provision shall be deemed in breach of the agreement and shall be responsible for all damages resulting therefrom.

11.10 STRICT COMPLIANCE

No failure of the OWNER to insist upon strict compliance by the ENGINEER with any provision of this Contract for Professional Services shall operate to release, waive, discharge, modify, change or affect any of the ENGINEER's obligations.

11.11 WAIVER

No provision of this Agreement may be waived except by written agreement of the parties. A waiver of any provision on one occasion shall not be deemed a waiver of that provision on any subsequent occasion, unless specifically stated in writing. A waiver of any provision shall not affect or alter the remaining provisions of this Agreement.

11.12 SEVERABILITY

If any provision of this Agreement, or the application thereof, is determined to be invalid or unenforceable, the remainder of that provision and all other provisions of this Agreement shall remain valid and enforceable.

11.13 ETHICS

The ENGINEER shall not offer or accept any bribes or kickbacks from or to any manufacturer, consultant, trade contractor, subcontractor, supplier or any other individual or entity in connection with the PROJECT. The ENGINEER shall not confer on any governmental, public or quasi-public official having any authority or influence over the PROJECT any payment, loan, subscription, advance, deposit of money, services or anything of more than nominal value, present or promised. The ENGINEER shall not, without the express written permission of the OWNER, engage or recommend to the OWNER engagement of any consultant, trade contractor, subcontractor, or supplier to provide services on behalf of the ENGINEER, OWNER or PROJECT in which the ENGINEER has a direct or indirect proprietary or other pecuniary interest; or call for the use of or by exclusion require or recommend the use of products, materials, equipment, systems, processes or procedures in which the ENGINEER or in which any consultant, trade contractor, subcontractor, or supplier of the ENGINEER has a direct or indirect proprietary or other pecuniary interest. Without prior notification and written approval of the OWNER, the ENGINEER and the ENGINEER'S subconsultants shall not offer services to the OWNER'S contractor.

11.14 ENTIRE AGREEMENT

This Agreement represents the entire agreement between the OWNER and the ENGINEER and supersedes all prior communications, negotiations, representations or agreements, either written or oral. This agreement may be amended only by written instrument signed by both OWNER and ENGINEER.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement the day and year first above written.

OWNER: CITY OF HUNTSVILLE	ENGINEER: SAIN ASSOCIATES, INC.
BY: Tommy Battle	BY: Rebecca D. White
TITLE: Mayor	TITLE: Vice President
ATTEST:	ATTEST:
Given under my hand thisday	Given under my hand thisday
Of, 2015.	Of February, 2015.
Notary Public	Notary Public TARL
My commission expires	My commission expires
	STATE AT MILITARY

ATTACHMENT 1-SCOPE OF SERVICES

(Refer to letter dated February 13, 2015, from Becky White and Jeff Stephenson to Dan Sanders and attachments).



February 13, 2015

Mr. Dan Sanders, P.E.
Deputy Director of Traffic Engineering
City of Huntsville
Post Office Box 308
Huntsville, AL 35804-0308

Subject:

Proposal Letter

Traffic Impact Analysis Scope of Services

City Centre at Big Spring

SA# 14-0270

Dear Dan:

This letter serves as our proposal letter requested by the City for professional services associated with a Traffic Impact Analysis of the proposed City Centre at Big Spring development. Also attached is our rate schedule that shows bill rates by hour for various staff classifications.

Our lump sum fee (including reimbursable expenses such as printing, shipping, and travel) to provide the following scope of services is **\$79,100**.

TYPICAL WEEKDAY CONDITIONS

Traffic Impact Analysis for Typical Weekday Conditions

\$29,800 lump sum

Traffic volume data will be provided to Sain Associates by the City. The following items are expected:

- Twenty-four (24) hour mechanical traffic counts on a typical weekday at the following locations to include speed and vehicle classification:
 - o Monroe Street between Clinton Avenue and the Von Braun Center (VBC) parking deck
 - o Monroe Street between the VBC parking deck and Williams Avenue
 - Church Street between Clinton Avenue and Williams Avenue
- Peak hour turning movement counts between 7–9am and 4–6pm on a typical weekday at the following intersections.
 - o Clinton Avenue at Woodson Street
 - o Clinton Avenue at Monroe Street
 - o Clinton Avenue at Church Street
 - o Monroe Street at Williams Avenue
 - Monroe Street at Heart of Huntsville Drive
 - o Monroe Street at Governors Drive
 - o Lowe Avenue at Williams Avenue
 - Church Street at Williams Avenue

- o Gallatin Street at Lowe Avenue
- o Gallatin Street at Governors Drive
- o Harvard Road at Governors Drive

 We will conduct a detailed field review to observe traffic operations in the study area, inventory roadway geometry and traffic control, and review bike/pedestrian/transit accommodations in the vicinity of the project site.

Existing and Background Traffic Analysis......\$12,500

- We will review the existing traffic counts, prepare diagrams of peak hour vehicular and pedestrian volumes, and then perform a traffic operations analysis using Synchro software to define existing operational conditions.
- We will prepare a manual re-assignment of existing peak hour traffic to simulate expected outcomes
 with completion of the Harvard Road extension. We will utilize the City of Huntsville's travel demand
 model with the Harvard Road extension and Church Street widening from Oakwood to Monroe to
 calibrate our manual re-assignment.
- We will develop a growth rate based upon historical traffic volumes and input from the City staff to simulate background traffic growth in the study area without the proposed City Centre at Big Spring development. We will apply the growth rate to re-assigned existing traffic with Harvard Road extension to forecast Background 2016, 2017, and 2022 traffic volumes.

- We will estimate the traffic to be generated by the proposed development based upon information contained in the Institute of Transportation Engineers' report, Trip Generation (9th edition). Our trip estimates will include adjustments for mixed use and intercept trip making as well as modal split. We will analyze the available background information to determine the directional distribution of the projected traffic approaching and leaving the proposed site. We will seek approval of the trip generation estimate and directional distribution from the City of Huntsville before proceeding with a traffic assignment.
- We will conduct capacity analyses of background and future morning and afternoon peak hour traffic operations at the study area intersections and site driveways for the years 2016 (Phase 1 development), 2017 (Phase II development opening day), and 2022 (full buildout + 5 years). Using the previously agreed upon performance measures, we will determine what infrastructure or traffic control improvements are necessary to support the development. We will prepare a list of recommended improvements for review by the City staff.

Evaluation of Williams Avenue and Church Street Road Diets......\$1,400

Using our traffic forecasts for future conditions with the proposed development, we will develop recommendations for the City of Huntsville regarding roadway cross sectional elements for Williams Avenue and Church Street to balance the needs of pedestrians, bicyclists, and transit users with vehicular traffic. We understand the City is considering a reduction in travel lanes on these streets. We will provide recommendations targeted at providing a safe environment for all road users that also considers mobility needs within the city center.



Meetings

\$5,300 lump sum

For the purposes of preparing an estimated fee, we have assumed that two Sain senior staff members will attend up to two (2) meetings in Huntsville in conjunction with the Traffic Impact Analysis of Typical Weekday Conditions. The anticipated meetings are as follows:

- Project kickoff meeting to review scope of work, schedule, project outcomes, and performance
- Meeting with staff to present results of analysis and discuss recommendations

Initial Documentation

\$6,700 lump sum

After completion of the above tasks by March 27, we will prepare a summary report to document our findings with supporting conceptual illustrations of the recommended improvements. We will submit a draft report covering Typical Weekday Conditions to the City of Huntsville for review and comment. We will finalize the overall report in conjunction with the Special Event Conditions task, if requested by the City.

SPECIAL EVENT CONDITIONS

Traffic Impact Analysis for Special Event Conditions

\$19,800 lump sum

This task will be completed only as directed by the City of Huntsville.

- On the day of a special event at VBC to be selected by the City of Huntsville, Sain Associates will conduct 24 hour mechanical traffic counts at the following locations to include speed and vehicle classification:
 - o Monroe Street between Clinton Avenue and the Von Braun Center (VBC) parking deck
 - Monroe Street between the VBC parking deck and Williams Avenue
- In addition, peak hour turning movement counts will be conducted for a maximum four-hour period to cover the event's peak entry and exit periods. Counts will include tabulation of automobile, truck, bus, bicycle, and pedestrian movements.
 - o Clinton Avenue at Woodson Street
 - o Clinton Avenue at Monroe Street
 - Monroe Street at VBC Parking Deck event entrance/exit
 - Church Street at VBC Parking Deck event entrance/exit
 - o Clinton Avenue at Church Street
 - Monroe Street at Williams Avenue
 - o Monroe Street at Heart of Huntsville Drive
 - Monroe Street at Governors Drive
 - o Lowe Avenue at Williams Avenue
 - o Church Street at Williams Avenue
 - o Gallatin Street at Lowe Avenue
 - **Gallatin Street at Governors Drive**
 - o Harvard Road at Governors Drive



 We will conduct observations of traffic operations, vehicle queuing, and pedestrian movements at the VBC deck on Monroe Street and Church Street and at the intersections of Clinton Avenue at Monroe Street and Monroe Street at Williams Avenue.

Event Traffic Analysis and Parking Operation Review\$9,600

- We will review the special event traffic counts, prepare diagrams of peak hour vehicular and pedestrian volumes, and perform a traffic operations analysis using Synchro software to define existing operational conditions during special events.
- We will use the special event traffic counts to prepare a manual re-assignment of traffic to simulate expected outcomes with completion of the Harvard Road extension.
- We will apply the previously developed growth rate to the re-assigned special event traffic with Harvard Road extension to forecast Background Event 2016, 2017, and 2022 traffic volumes.
- We will add the traffic to be generated by the proposed development to the Background Event traffic using the same distribution used for typical weekday conditions. Future Event traffic volumes will be prepared for 2016 (Phase 1 development), 2017 (Phase II development opening day), and 2022 (full buildout + 5 years).
- We will conduct capacity analyses of the Future Event traffic volumes using Synchro software and will identify infrastructure, traffic control, or traffic management improvements that would be necessary to support future event traffic with the development. If we identify improvements that can be made to parking operations in the VBC Parking Deck, we will include those in our recommendations. We will prepare a list of recommended improvements along with conceptual illustrations on aerial photography for review by the City staff.

• We will review our roadway cross section recommendations for Williams Avenue and Church Street in view of the forecasted Future Event traffic to identify and document any potential concerns.

Shared Parking Analysis

\$3,000 lump sum

This task will be completed only as directed by the City of Huntsville.

We will estimate parking demand for Phase 1 and Buildout of the development utilizing parking generation rates published by the Institute of Transportation Engineers with adjustments for shared parking based on the methodology documented in the Urban Land Institute's publication, Shared Parking. The goal of this analysis will be to help the City determine an appropriate level of parking spaces for the mixed use development without unnecessary over supply. We understand the parking supply may consist of a mix of off-street and on-street spaces, and our recommendations will address the best use of those options. Recommendations will also consider potential time restrictions on certain parking areas, especially on-street parking.



Meetings

\$9,500 lump sum

This task will be completed only as directed by the City of Huntsville.

For the purposes of preparing an estimated fee, we have assumed that two Sain senior staff members will attend up to four (4) meetings in Huntsville. The anticipated meetings are as follows:

- Meeting with staff to present final report and recommendations
- Attendance and presentation at one public involvement meeting, including preparing and printing presentation materials

Final Documentation

\$5,000 lump sum

This task will be completed only as directed by the City of Huntsville.

We will summarize the findings of our traffic analyses from Typical Weekday Conditions and Special Event Conditions in a final report with supporting conceptual illustrations of the recommended improvements. We will submit a draft of the overall report to the City of Huntsville for review and comment prior to publishing a final document. We will provide five (5) hard copies of the final report, an electronic version in .pdf format, and CD with all Synchro files.

EXCLUSIONS

The previously described scope of work is based upon direction from the City of Huntsville Deputy Director for Traffic Engineering. Per our discussion, Sain has excluded the following services from this scope of work:

- Review of on-site circulation for the proposed development
- Preparation of roadway or traffic signal design plans for construction an any associated permitting
- Coordination with Alabama DOT

SCHEDULE

We commit to complete the Traffic Impact Analysis for Typical Weekday Conditions by March 27, 2015 if contracted no later than March 2, 2015. Other tasks described in this proposal will be undertaken after completion of the Traffic Impact Analysis for Typical Weekday Conditions based upon a schedule to be mutually agreed upon between Sain Associates and the City of Huntsville.



TOTAL FEES

Our proposed fee for this project is lump sum, inclusive of expenses such as printing, shipping, and travel.

Traffic Impact Analysis for Typical Weekday Conditions Meetings (2)	
Initial Documentation	
	Subtotal\$41.800
Traffic Impact Analysis for Special Event Conditions	• •
Shared Parking Analysis	\$3,000 lump sum
Meetings (2)	\$9,500 lump sum
Final Documentation	\$5,000 lump sum
	Subtotal\$37.300

GRAND TOTAL \$79,100 lump sum

We appreciate this opportunity to work with the City of Huntsville on this project. Please contact us if you have any questions or need any additional information.

Sincerely,

Becky White, PTP

Vice President / Organization Development

Jeff Stephenson, P.E., PTOE

Backy White

Traffic Team Leader

Cc: Karen Brown, City of Huntsville Traffic Engineering Department

Mary Hollingsworth, City of Huntsville Engineering Department

Attachments: Fee Schedule



ATTACHMENT 2 - ALABAMA IMMIGRATION ACT - REPORT OF OWNERSHIP FORM

CITY OF HUNTSVILLE, ALAB	AMA REPORT OF OWNERSHIP FORM
General Information. Please provide the following	g information:
egal name(s) (include "doing business as", if appl	licable): Sain Associates Inc.
City of Huntsville current taxpayer identification numbers are note that if this number has been assigned should be listed on the renewal form.)	mber (if available): 7173 I by the City and if you are renewing your business license, the
	ded portions of the following chart by checking the appropriate applicable (for an explanation of what an entity number is, ple
Type of Cornership (class appropriate book	Entity L.D. Number 4. Applicable State
☐ Individual or Sole Proprietorship	\\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
☐ General Partnership	Not Admitistrate
☐ Limited Partnership (LP)	Number & State:
☐ Limited Liability Partnership (LLP)	Number & State:
☐ Limited Liability Company (LLC) (Single Member)	Number & State:
LLC (Multi-Member)	Number & State:
Corporation	Number & State: 016-162, ALABAMA
Other, please explain:	Number & State (if a filing entity under state law):
vailable through the website of Alabama's Secreta	quired and if the business entity is registered in this state, the ary of State at: www.sos.state.al.us/ , under "Government Recorovide the Entity I.D. number (or other similar number by what long with the name of the state.
ertificates of incorporation, organization, or other a	ard to entities, the entity's formation documents, including art applicable formation documents, as recorded in the probate research unless: (1) specifically requested by the City, or (2) and or provided.
Please date and sign this form in the space provide you are signing on behalf of an entity please inse	ed below and either write legibly or type your name under you ort your title as well.
signature: Ve // Its	Title (if applicable): Controller, Vf.
ype or legibly write name: Vann Ruffel	/ /

ATTACHMENT 3 CITY OF HUNTSVILLE STANDARDS AND DESIGN GUIDES

- 1. City of Huntsville Standard Specifications for Construction of Public Improvements. Contract Projects, 1991.
- 2. City of Huntsville Engineering Standards, 1991.
- 3. City of Huntsville Design and Acceptance Manual for Force Mains and Pump Stations, 2011.
- 4. City of Huntsville Design and Acceptance Manual for Sanitary Sewers, 2011.
- 5. Alabama Department of Transportation Standard Specifications for Highway Construction, Current Edition.
- 6. City of Huntsville Subdivision Regulations, 1991.

ATTACHMENT 4 DESIGN REVIEWS

N/A TO THIS AGREEMENT

ATTACHMENT 5 - ENGINEERS PERSONNEL FEE SCHEDULE

SAIN ASSOCIATES, INC. 2015 RATE SCHEDULE PROFESSIONAL SERVICES

Rates:	
Principal	.\$150.00 - \$170.00 per Hou
Engineer/Planner	\$93.00 - \$145.00 per Hou
GIS Professional	
Designer	
Administrative Support	\$60.00 per Hou

Reimbursable Expenses

Printing, contract carrier service, and travel expenses are not included within our basic fee and will be passed along to you at our cost, plus 10%.



ATTACHMENT 6 - PROGRESS REPORT (Article 8)

PROGRESS REPORT NO.	_ FOR MONTH AND TEAR_	· · · · · · · · · · · · · · · · · · ·
PROJECT	PI	ROJECT NO.
DATE CITY'S PROJ	JECT ENGINEER	
CONSULTANT	CONSULTANT'S PROJ	J. MAN
CURRENT MONTH % COMPLETE:	PREV. MONTH %	COMPLETE:
ATTACH A "SHOULD HAVE START MICROSOFT PROJECTS THAT LIS		
ATTACH A "TASKS STARTING SOC RANGE OF THIRTY (30) DAYS AFT	ON" REPORT FROM MICROSO ER THE DATE OF THIS PROC	OFT PROJECTS WITH A DATE BRESS REPORT.
STATE WHAT ACTION IS BEING TA	KEN TO BRING PROJECT BA	ACK TO SCHEDULE:
MILESTONE SUBMITTALS 30% 60% 90% 100% "FINAL" INVOICE SUBMITTED SUBCONSULTANTS PAID IN FULL CONTRACTED COMPLETION DATE (These scheduled dates shall be agreed) Project Engineer and noted monthly of	eed upon at the beginning of the	
shall not be changed except by contra dates shall be accompanied by a new	act change order. Changes to a project schedule approved by	the scheduled milestone submittal
UPDATED SCHEDULE ATTACHED? *If yes, send an electronic copy to the		
COMMENTS:		
This progress report (4 copies) shall textended without a contract modificat		led completion dates will not be
CERTIFICATION: I certify that the sta	ated information is true and acc	curate to the best of my knowledge.
CONSULTANT DAT	E CITY PROJECT	ENGINEER DATE

ATTACHMENT 7 - SUB CONSULTANTS ENGAGED BY THE

ENGINEER

(Article 9.2)

CONSULTANT NAME AND ADDRESS	DESCRIPTION OF SERVICES	FEE
	N/A	
	SUB-TOTAL	
	SUD-TUTAL	
	5% Administrative Fee	
	TOTAL	

<u>ATTACHMENT 8 - CONTRACT DOCUMENT REQUIREMENTS LIST</u>

REQUIREMENT	SUBMIT	SUBMITTAL REQUIREMENT DATE	NUMBER OF COPIES	REFERENCE SECTION OF CONTRACT AND COMMENTS
Deviations from OWNER's standards.	OWNER	Prior to incorporating deviations.	2	Article 2.5
Products or materials specified by the ENGINEER that are available from only one source.	OWNER	Prior to 100% submittal.	2	Article 2.2
Approval of ENGINEER's Request for Payment.	OWNER	Within ten (10) days of receipt of the request from the ENGINEER.	N/A	Article 3.4
Approval of ENGINEER submittals	OWNER	So as to cause no delay to the ENGINEER or the PROJECT.	N/A	Article 3.8
Change order changes that reduce construction requirements.	OWNER	Prior to authorizing a change.	N/A	Article 3.11
Any information pertaining to any claim.	OWNER	Immediately	2	Article 3.12
Information pertinent to the PROJECT, all criteria and full information as to OWNER's requirements, copies of all design and construction standards.	ENGINEER	So as to not delay the services of the ENGINEER.	2	Article 5.1, 5.2
Notification of delays.	ENGINEER; OWNER	Promptly	4	Article 6.1
ENGINEER's monthly invoices.	OWNER	Monthly	4	Article 8.1.1
Consultant progress report.	OWNER	Monthly	4	Article 8.1.1
Records, data, parameters, design calculations and other information.	OWNER	Cancellation of contract.	2	Article 9.7
Documentation, records of reimbursable expenses, record copies of all written communications, and any memoranda of verbal communications related to the PROJECT.	OWNER	Upon notice from the OWNER.	2	Article 9.4
Termination notification.	OWNER or ENGINEER	7 days prior to termination.	2	Article 9.10 & 9.11
Certificate of Insurance for ENGINEER.	OWNER	At 0% design conference	1	Article 10.2(B), 10.6, and Attachment 4.
Insurance cancellation, suspension, or reduction in coverage or limits.	OWNER	30 days prior to effective date except for cancellation which is 10 days notification.	1	Article 10.4(A)

Certificate of insurance for sub consultants/subcontractors.	OWNER	At 0% design conference.	1	Article 10.7
A schedule in Microsoft Projects format showing the critical path.	Project Engineer	Within 7 calendar days of Pre-design conference, 30% complete design review. 60% design review. Attachment 6	1 hard; 1 digital	Attachment 4
Drawings.	Project Engineer	30% complete design review, 60% design review, 90% review, and 100% complete.	3	Attachment 4
Cost estimate.	Project Engineer	30% complete design review, 60% review, 90% review, and 100% complete.	3	Attachment 4
Hydraulic reports.	Project Engineer	60% design review.	2	Attachment 4
Preliminary plans for utilities.	Project Engineer	60% design review.	3	Attachment 4
Real Estate Deliverables	Project Engineer	60% design review, 90% review, 100% complete.	Reference Real Estate Division Plan Requirements	Attachment 4, 14 Real Estate Plan Requirements at end of this proposal document
Traffic Control plan.	Project Engineer	60% design review.	N/A	Attachment 4
Results of geotechnical investigations.	Project Engineer	30% design review.	2	Attachment 4
Technical specifications.	Project Engineer	90% review, 100% complete.	N/A	Attachment 4
Relocation of Utilities	Project Engineer	0% review – list of all utilities that need to be contacted 60% review – from all affected parties 90% review – Signed Acceptance Utility Project Notification Form	2	Attachment 4, 10
Design Calculations	Project Engineer	90% review, 100% complete	1	Attachment 4
Digital copy of drawings.	Project Engineer	100% complete - 1 in .dgn format; 1 in .tiff or .pdf format	2	Attachment 4
Digital text files.	Project Engineer	100% complete.	1	Attachment 4
Bid Quantities.	Project Engineer	100% complete. Digital in Excel 2003 format and hard copy	3	Attachment 4
Permits and Permit Applications	Project Engineer	100% complete.	1	Attachment 4
Field notes.	Project Engineer	100% complete.	1	Attachment 4
Digital aerial photography.	Project Engineer	100% complete.	1	Attachment 4
Progress Report (Art. 8)	Project Engineer	30% complete design review, 60% design review, 90% design review, 100% completion stage.	4 hard; 1 digital monthly	Attachment 4

ATTACHMENT 9 - REQUIREMENTS FOR DOCUMENT SUBMITTALS

DRAWINGS

All drawings shall be sized 24" x 36", unless otherwise approved by the OWNERS Project Engineer.

Title blocks shall as a minimum, contain the name of the project, date, city project number, and ENGINEER's name. The title block of drawings shall contain a space for the names of the preparer and the reviewer and/or checker. These blocks shall be signed on each submittal (See Attachment "11" for sample standard drawing format). Drawings shall contain alphanumeric revision designations. Drawings issued for review shall be issued with alpha revision designation and the revision letter shall be changed for each submittal containing drawing changes. Drawings issued for construction shall be issued with numeric designation at revision level "0" and described as "Issued for Construction" in the revision description block. Subsequent drawing changes require the revision level to be raised using successively higher numbers and the changes to be marked by circling and briefly described in a revision block.

All drawings shall be prepared in Micro station .DGN format, unless otherwise approved by the OWNERS Project Engineer. Transmittal letters shall consist of a list of files being submitted, a description of the data in each file, and a level/layer schematic of each design file. DGN design files shall have working units as follows: master units in feet, no sub-units, and 1,000 positional units. All data submitted shall use NAD 1983 Alabama East Zone horizontal datum and NAVD 88 vertical datum coordinates.

Unless otherwise specified by the Owners Project Engineer, all drawings for review submittals shall be full or half-size copies. All documents shall be clearly marked in a revision block indicating the applicable submittal milestone, i.e. 30%, 60%, 90%, etc.

OTHER DOCUMENTS

Submittals required by the State of Alabama for their review, bidding, etc., shall be of the size, form and numbers of copies as the state may require even though such submittals may differ from the submittals set forth as being required elsewhere in this Agreement.

Digital files shall be submitted by 4-3/4" CD ROM, DVD, 3 and 1/2 inch floppy disk, flash drive, or to the City of Huntsville F.T.P. site.

All print copies shall be first generation copies.

All text documents shall be prepared in Microsoft Word 2010 format.

All spreadsheets shall be in Microsoft Excel 2010 format.

All PDF files shall be searchable.

Schedules shall be in Microsoft Projects format, unless otherwise approved by the OWNERS Project Engineer.

Aerial photography files shall be in Intergraph (.COT) or (.tiff) format.

All mapping shall meet National Map Accuracy Standards unless otherwise noted. If National Map Accuracy Standards are not met, the accuracy of the map shall be identified to the Owners Project Engineer and on the maps derived from the aerial survey. National Map Accuracy Standards are shown below. This and other map standards are shown in Department of the Army, US Army Corps of Engineers standard, "EM 1110-1-1000, Engineering and Design - Photogrammetric Mapping".

All final drawings, specifications, plans, calculations, letters containing Engineering or Surveying recommendations or other Engineering or Land Surveying papers or documents involving the practice of engineering or land surveying as defined by Code of Alabama, Title 34, Chapter 11 shall be sealed, dated, and bear the signature of the person who prepared or approved them.

Working drawings or other documents shall contain a statement to the effect "Preliminary-Not for construction, recording purposes or implementation."

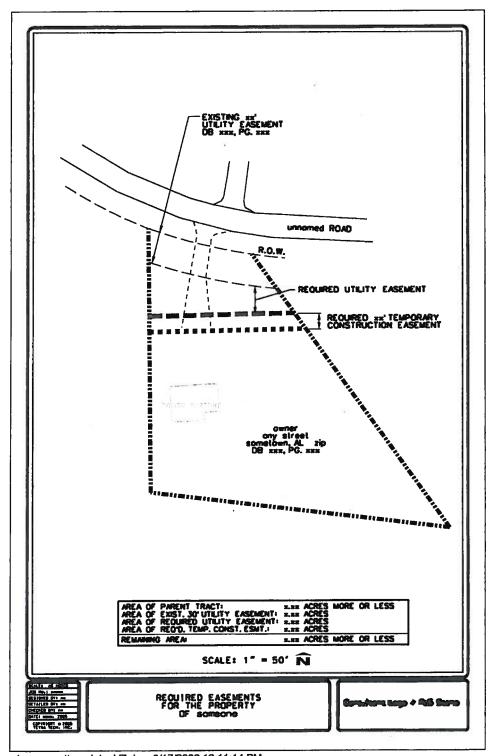
ATTACHMENT 10 – UTILITY PROJECT NOTIFICATION FORM

NAME:		
NAME:(Utility Name)	_	
PROJECT NAME:	PROJECT	
CONSULTING ENGINEER:(Name)		
ENGINEERING REPRESENTATIVE	PHONE:	
I have reviewed design drawings or of	her information as available, a	n d :
DO	DO NOT	
calendar days from the Notice to Proc LIST NAME(S) OF OTHER UTILITY(S) that sha to <u>YOU</u> starting your work:		
NAME OF UTILITY:		
NAME OF UTILITY:		
NAME OF UTILITY:		
OTHER:		
COMMENTS:		
BY:AUTHORIZED REPRESENTATIVE		
	PHONE:	
FIELD CONTACT PERSON:OFFICE CONTACT PERSON:	PHONE:	
DATE:		

ATTACHMENT 11

TOOP'N'T MINISTER.	NOTAMBOTION MLLE	TITLE SHE AND CHATS CHECKEN	d William posts and an	# # # # # # # # # # # # # # # # # # #
CONSTRUCTION PLANS FOR PROJECT INFORMATION	CITY OF HUNTSVILLE HUNTSVILLE, ALABAMA (PROJECT NO. XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	SAMPLE STANDARD DRAWING FORMAT	The Star of Alabama refer to the star of his ser is the star of th	par Printings

ATTACHMENT 12 SAMPLE



...\easementtemplate_V7.dgn 3/17/2006 12:11:14 PM

ATTACHMENT 13

United States National Map Accuracy Standards

With a view to the utmost economy and expedition in producing maps which fulfill not only the broad needs for standard or principal maps, but also the reasonable particular needs of individual agencies, standards of accuracy for published maps are defined as follows:

- 1. Horizontal accuracy. For maps on publication scales larger than 1:20,000, not more than 10 percent of the points tested shall be in error by more than 1/30 inch, measured on the publication scale; for maps on publication scales of 1:20,000 or smaller, 1/50 inch. These limits of accuracy shall apply in all cases to positions of well-defined points only. Well-defined points are those that are easily visible or recoverable on the ground, such as the following: monuments or markers, such as bench marks, property boundary monuments; intersections of roads, railroads, etc.; corners of large buildings or structures (or center points of small buildings); etc. In general what is well defined will be determined by what is plottable on the scale of the map within 1/100 inch. Thus while the intersection of two road or property lines meeting at right angles would come within a sensible interpretation, identification of the intersection of such lines meeting at an acute angle would obviously not be practicable within 1/100 inch. Similarly, features not identifiable upon the ground within close limits are not to be considered as test points within the limits quoted, even though their positions may be scaled closely upon the map. In this class would come timber lines, soil boundaries, etc.
- 2. Vertical accuracy, as applied to contour maps on all publication scales, shall be such that not more than 10 percent of the elevations tested shall be in error more than one-half the contour interval. In checking elevations taken from the map, the apparent vertical error may be decreased by assuming a horizontal displacement within the permissible horizontal error for a map of that scale.
- 3. **The accuracy of any map may be tested** by comparing the positions of points whose locations or elevations are shown upon it with corresponding positions as determined by surveys of a higher accuracy. Tests shall be made by the producing agency, which shall also determine which of its maps are to be tested, and the extent of the testing.
- 4. **Published maps meeting these accuracy requirements** shall note this fact on their legends, as follows: "This map complies with National Map accuracy Standards."
- 5. **Published maps whose errors exceed those aforestated** shall omit from their legends all mention of standard accuracy.
- 6. When a published map is a considerable enlargement of a map drawing (manuscript) or of a published map, that fact shall be stated in the legend. For example, "This map is an enlargement of a 1:20,000-scale map drawing," or "This map is an enlargement of a 1:24,000-scale published map."
- 7. To facilitate ready interchange and use of basic information for map construction among all Federal mapmaking agencies, manuscript maps and published maps, wherever economically feasible and consistent with the uses to which the map is to be put, shall conform to latitude and longitude boundaries, being 15 minutes of latitude and longitude, or 7.5 minutes, or 3-3/4 minutes in size.

U.S. BUREAU OF THE BUDGET

ATTACHMENT 14

ENGINEERING DEPARTMENT - REAL ESTATE DIVISION PLAN REQUIREMENTS

DRAWINGS:

Individual Parcels

- Each individual parcel 8 ½" x 14" (dgn or dxf format)
- Show Calculations
 - ➤ Before
 - ➤ After
 - > Taking
- All Parcels shall be closed shapes (polygons).
- Show Existing and Proposed Right-of-Way on each individual parcel map.
- Property Ownership

Overall Project Land Acquisition Maps

- Total project drawing in dgn or dxf format
- Indicate the following:
 - > Stationing on Centerline
 - ➤ Existing Right-of-Way
 - Proposed Right-of-Way
 - Existing Easements
 - Proposed Easements
 - > Existing Pavement
 - Proposed Pavement/Sidewalks/Structures
 - > Existing Structures
 - Property Ownership

Color Standards	(SA.	MPLE)	
<u>Description</u>	Color	Line Style	Туре
Existing ROW	Red	Medium Dashed	
Proposed ROW	Red	Solid	Closed Polygon
Existing Easements	Orange	Medium Dashed	,,
Proposed Easements	Orange	Solid	Closed Polygon
TCE	Pink	Solid	Closed Polygon

DESCRIPTIONS:

- Microsoft Word on 3.5" Diskette or CD
- Each Description shall be complete and independent (separate file).
- Hard Copies signed and stamped by PLS.

GENERAL:

- P.K. Nails or other permanent stationing markings shall be required.
- Re-staking of right-of-way or easements may be required (See Article 4).
- All survey plats to be on Alabama State Plane Datum. Strip Maps shall indicate at least 2 monuments in place with Alabama State Plane Coordinate values shown on each.
- Parcel plats and legal descriptions shall indicate the Alabama State Plane Coordinate NAD83 Alabama East Zone
 Value of the point of beginning.

ATTACHMENT 15 - GIS BASE MAP

DESIGN	CONTENTS	LINE	COLOR	WEIGHT	TEXT	FONT	CELL
LEVEL		CODE	Í	1	SIZE		NAME
	:						
1	State Plane Coordinate Grid				20		
2	Benchmarks	0	0	0	20	0	.0.
3	Private Street Text	0	105	0	1 20		<u> </u>
3	Street Text	0	3	0	20	0	·
4	Street R/W	7	0	0	20 (or 18)	0	
5	Street Centerline	7	0	0	-		
6	Street Pavement	0	3	0			
6	Proposed Street Pavement	3	16	0			-
6	Private Streets	0	105	0			
6	Proposed Private Road	3	105	0	 		
7	Parking Lots	1	3	1	 		
7	Private Lots used as Roads	1	105	1	+		
8	Secondary RoadsPrivate	2	105	0	 		
8	Secondary Roads	2	3	0	 		· ·
8	Trails	3	3	0	 		
9	Secondary Roads/Trails Text	0	3	0	20	0	· · · · · · · · · · · · · · · · · · ·
10	Sidewalks	5	3	0	20	¥0	
11	Bridges/Culverts/Paved	0	0	0			
	Ditches	-			1		
12	Hydrology - Major	6	i	0			
12	Hydrology - Minor, Ditches	7	1	0			
13	Hydrology - Text	0	1	0	25	23	
14	Tailings & Quarries, Athletic	0	1	0			
	Fields/Text, misc. areas						
15	Greenways	3	48	0			
16	Speed Tables	0	3	0			TCALM
17	Railroad Tracks (Patterned)	0	2	0			RR
18	Railroad Text	0	2	0	25	0	
19	Railroad R/W	2	2	0			
20	Utility Poles (Cell)	0	5	0			P POLE
21	Utility Easements	3	5	0			
22	Utility Text	0	5	1			
23	Geographic Names	0	3	1			
24	Building Structures	0	0	0			
24	Pools and Text	0	1	0	10	1	
24	Future Site of Structures	2	0	0			STRUCT
24	Existing Structures (exact	2	0	0	1		STRCEX
25	location and shape unknown)				30		
25 26	Property Lines/ refuge bdy.	6	6	1	30	1	
27	Cadastral Polygons	6	6	0			
	Ownership Text	0 4	6	1	10		
28 29	Cemeteries/Text	4	6	0	10	l	
30	Lot Numbers Block Numbers				25	0	
31	Addition Names				30	0	
32	Open Open	0	0	0	35	0	
33	Lot Ticks				 		
34	Lot Lines/Property Lines	6	6	0	 		
35	Trees/Hedge Rows	6	6	0	AC-1		TREES
					AS=1		TREES
36 37	GPS Monuments	0	5	0	18	23	CONTRL
38	2' Topo Contour		7				
	5' Topo Contour	0		0	L		

39	25' Major Topo Contour	0	7	0	_ [
40	X Spot Elevation	0	7	0			
41	FEMA Monuments/Labels	0	3/0	0	18	1	FEMA
42	Quarter Sections						
43	Section Lines	0	5	0			
44	Features	0	2	0			
44	Cell Towers	0	12	0	AS=1		CELTWR
45	Fences (Pattern)	0	8	0	AS=1		FENCE
46	Format/Legend	0	0	0			Limleg
							Madleg
47	Mass Points	0	7	2			
48	Break Lines	0	7	2			
49	Open						
50	Billboards	0	37	1			BBOARD
51	Sanitary Sewer	0		3			
52	Sanitary Sewer Text						
53	Storm Water Features	0		3			
54	Storm Water Text					-	
55	Open						
56	Property Address	0	1	0		•	
57	Text Tag for Buildings	0	1	0	10-20	1	
- 58	One Way Arrows	1	3	1			
59	Open				1 1	_	
60	Open						· · · · · · · · · · · · · · · · · · ·
61	Open			· · · · · · · · · · · · · · · · · · ·	<u> </u>		
62	Monuments for Setup (point cell)						
63	Open			<u> </u>			1

CITY COUNCIL AGENDA ITEM COVER MEMO

Agenda Item Number	•
Meeting Type: Regular	Meeting Date: $\frac{3/12/15}{}$
Action Requested By: <u>Traffic Engineering</u>	Agenda Type: Resolution
Subject Matter:	
Traffic Analysis Impact Agreement with Sain Associa	tes
Exact Wording for the Agenda:	
authorizing the Mayor to enter into an agreement b for Traffic Impact Analysis of City Centre at Big Sprin	etween the City of Huntsville and Sain Associates, Inc. 19, Project No. 65-15-SP16
Note: If amendment, Please state title and numb	per of the original
Item to be considered for: Action	Unanimous Consent Required: No
Briefly state why the action is required; why it is recon accomplish and; any other information that might be I	
in the study area; 3) detailed analysis of existing and expected t expected 4) meet with City of Huntsville to review and present report to document findings and meet the completion date of M completed only as directed by the City of Huntsville which incl	ume data and turning movement counts provided by COH for ig Spring development; 2) detailed field review to observe traffic raffic in the study area where changes to roadways and growth is analysis and discuss recommendations 5) provide a summary arch 27, 2015 for the above tasks. 6) Additional tasks will be ude Traffic Impact Analysis for Special Event Conditions, Shared uired for these tasks for a lump sum fee of \$37,300. For the total
Associated Cost: \$79,100.00 Bud	igeted Item:
MAYOR RECOMMENDS OR CONCURS:	
Department Head: Karu-Brown Jewis Daniel	for Date: 2/18/15

ROUTING SLIP CONTRACTS AND AGREEMENTS

Originating Department: Traffic Engineering Council Meeting Date: 3/12/15

Department Contact: Lynn Majors Phone # 256-427-5201

Contract or Agreement: Traffic Impact Analysis

Document Name: Sain Associates-City Centre at Big Spring Project No. 65-15-SP16

City Obligation Amount: \$79,100.00

Total Project Budget: \$79,100.00

Uncommitted Account Balance:

Account Number: 23-6500-0811-8520

Procurement Agreements

0

<u>Not Applicable</u>	Not Applicable		
Grant-Fu	nded Agreements		

Not Applicable	Grant Name:	

Department	, Signature Jaco	Date
1) Originating	factro- for Danie	lus 2/18/15
2) Legal	Maur Cates	2/18/15
3) Finance	1 By	2/20
4) Originating	preknonfa David Sa	ders 2/18/15
5) Copy Distribution		
a. Mayor's office (1 copies)		
b. Clerk-Treasurer (Original & 2 copies)		